

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070722\
 Data File : VX029954.D
 Acq On : 07 Jul 2022 14:53
 Operator : JC/MD
 Sample : N3617-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-07-06

Quant Time: Jul 08 05:34:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

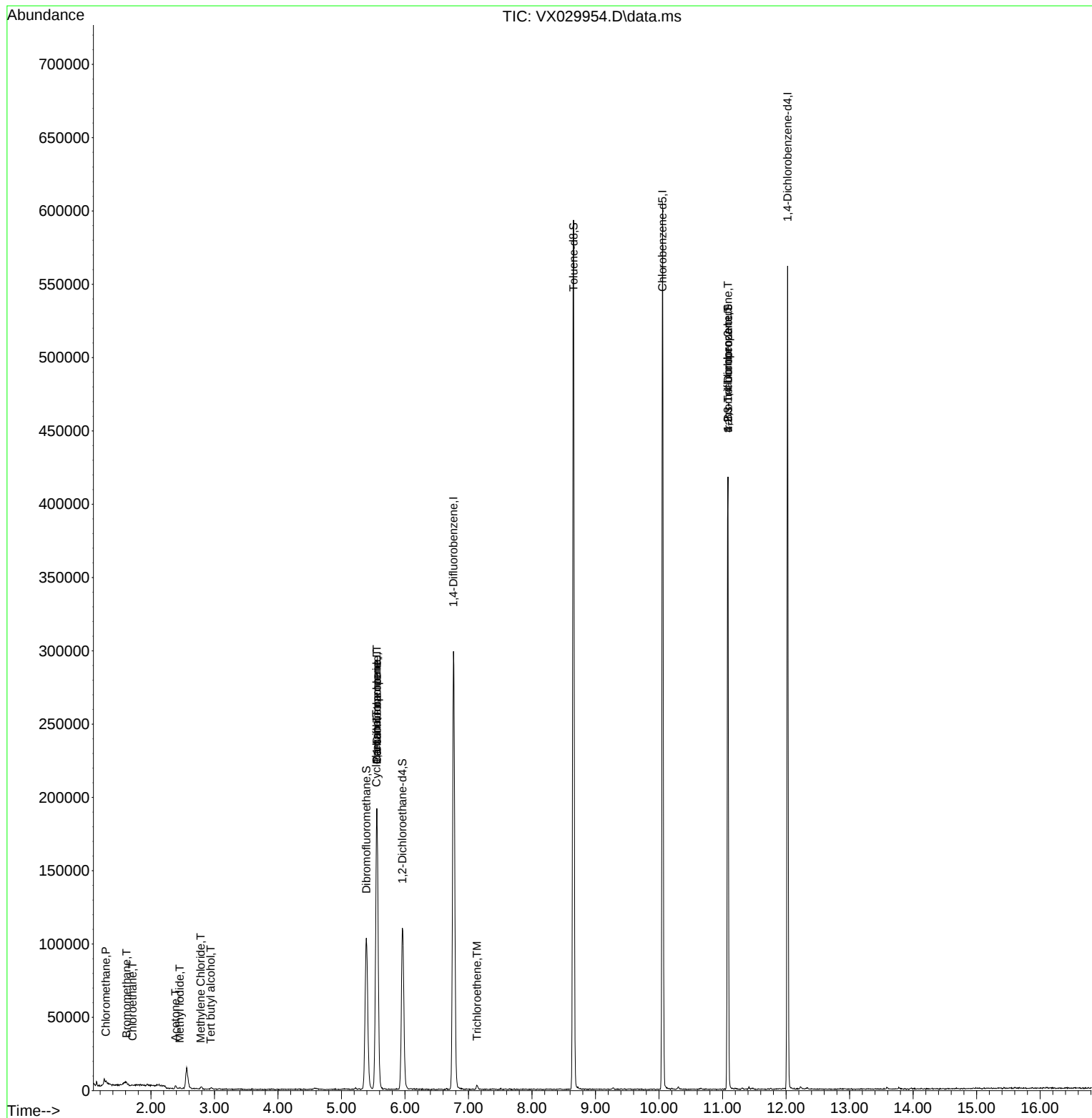
Internal Standards						
1) Pentafluorobenzene	5.556	168	189808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	323972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99170	41.275	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.560%
35) Dibromofluoromethane	5.391	113	93674	46.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.653	98	359894	47.383	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.760%
62) 4-Bromofluorobenzene	11.085	95	114961	42.818	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.640%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	496	0.233	ug/l #	78
5) Bromomethane	1.617	94	495	0.424	ug/l #	40
6) Chloroethane	1.709	64	113	1.108	ug/l #	41
10) Methyl Iodide	2.453	142	974	2.233	ug/l #	90
11) Tert butyl alcohol	2.940	59	716	1.139	ug/l #	74
13) Acrolein	2.075	56	171	Below Cal		97
16) Acetone	2.386	43	2502	2.129	ug/l	96
20) Methylene Chloride	2.782	84	752	0.303	ug/l #	94
31) Cyclohexane	5.550	56	4238	1.265	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13862	5.148	ug/l #	48
38) Carbon Tetrachloride	5.556	117	17707	7.589	ug/l #	17
44) Trichloroethene	7.135	130	1065	0.454	ug/l	95
76) 1,2,3-Trichloropropane	11.085	75	53944	20.738	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	53944	65.860	ug/l #	12

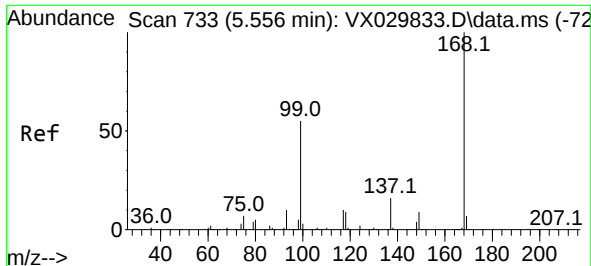
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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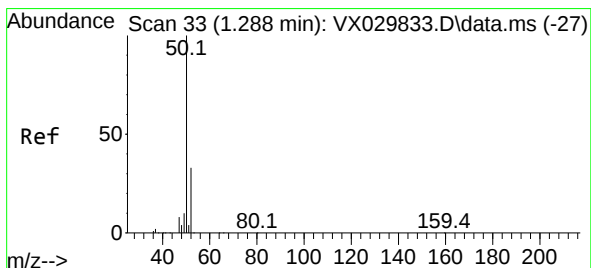
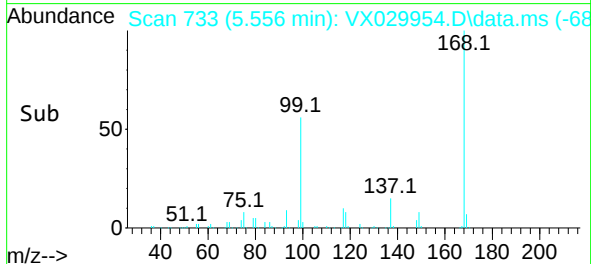
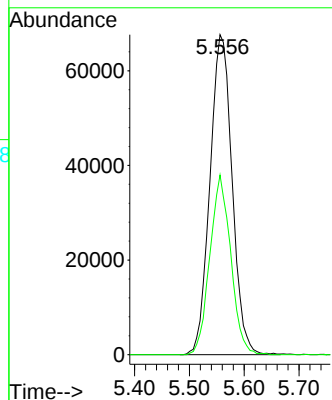
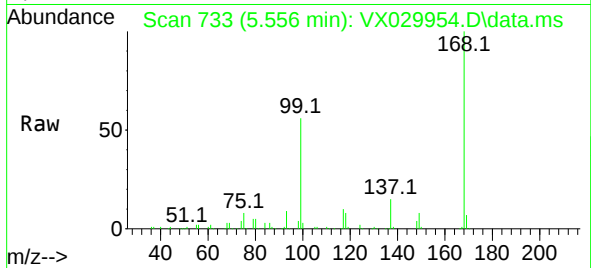




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029954.D
Acq: 07 Jul 2022 14:53

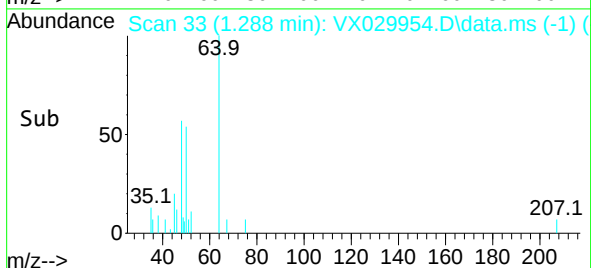
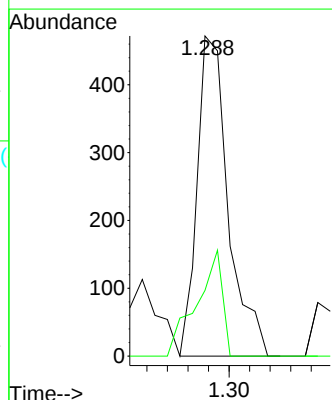
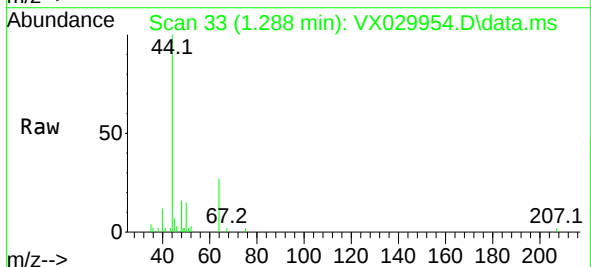
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-07-06

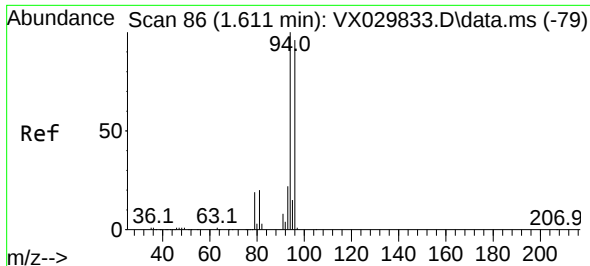
Tgt Ion:168 Resp: 189808
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029954.D
Acq: 07 Jul 2022 14:53

Tgt Ion: 50 Resp: 496
Ion Ratio Lower Upper
50 100
52 20.6 26.3 39.5

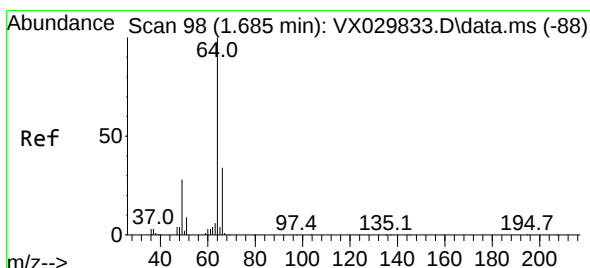
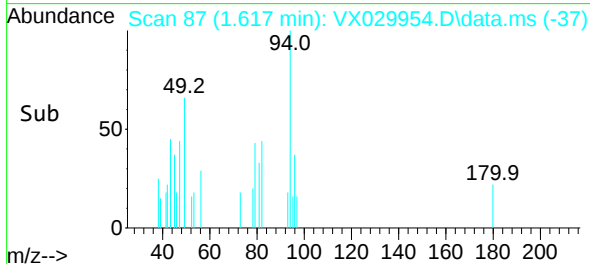
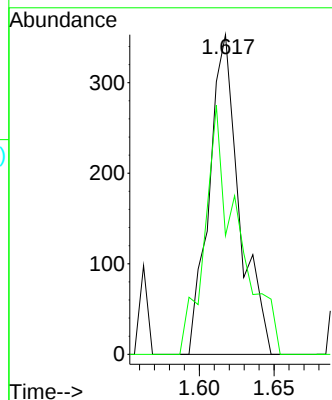
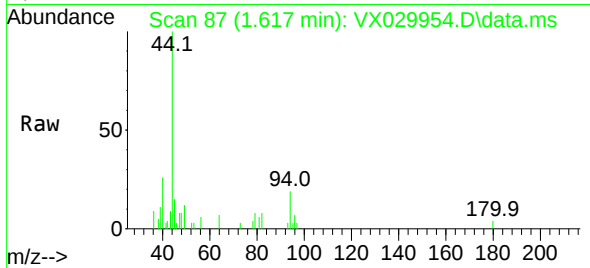




#5
Bromomethane
Concen: 0.424 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029954.D
Acq: 07 Jul 2022 14:53

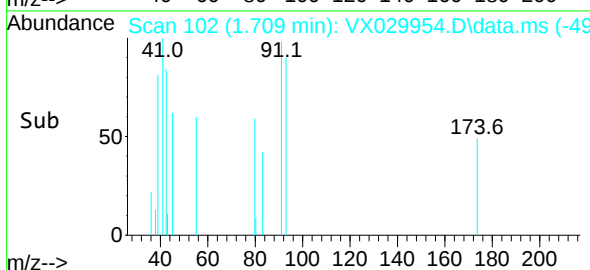
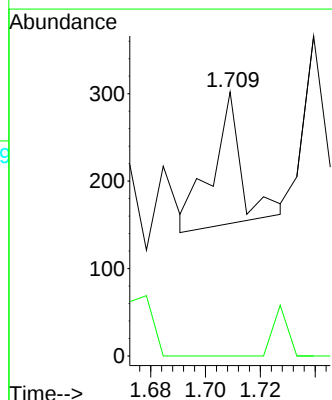
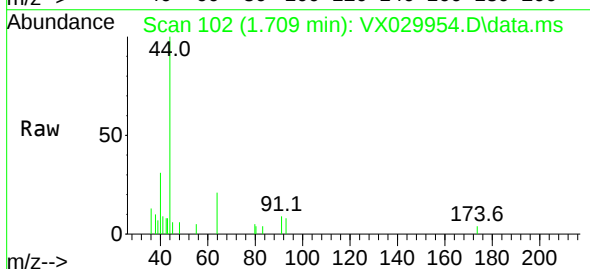
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-07-06

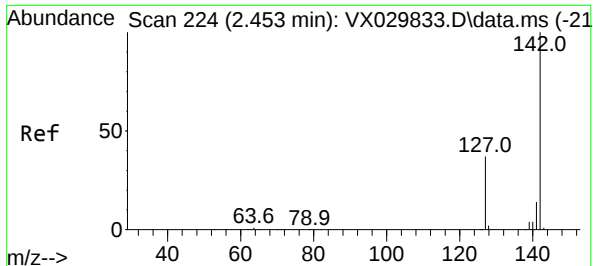
Tgt Ion: 94 Resp: 495
Ion Ratio Lower Upper
94 100
96 37.1 76.9 115.3#



#6
Chloroethane
Concen: 1.108 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX029954.D
Acq: 07 Jul 2022 14:53

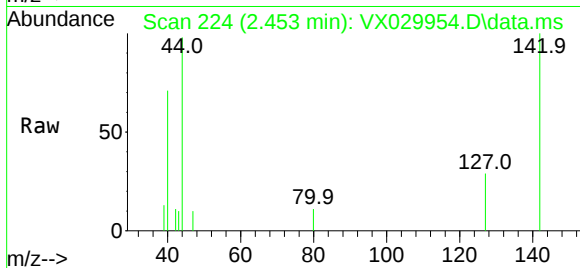
Tgt Ion: 64 Resp: 113
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



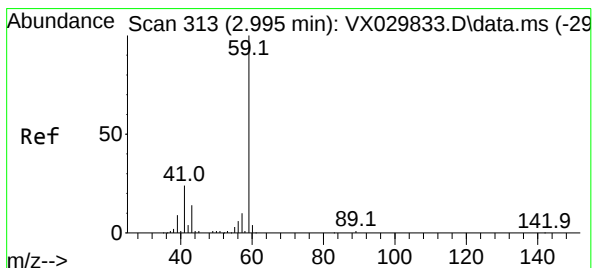
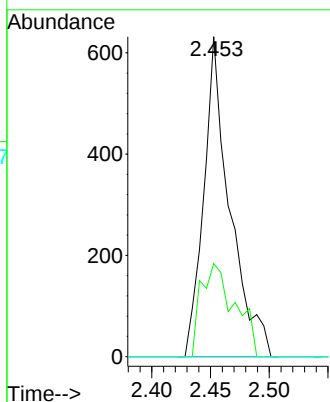
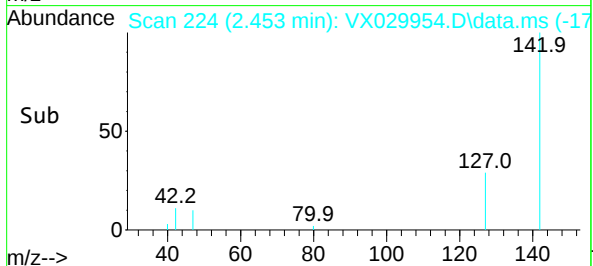


#10
Methyl Iodide
Concen: 2.233 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029954.D
Acq: 07 Jul 2022 14:53

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-07-06

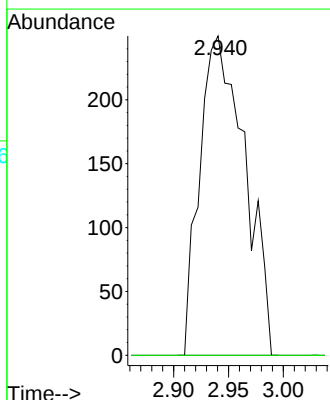
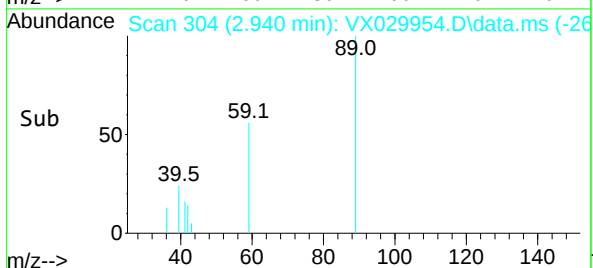
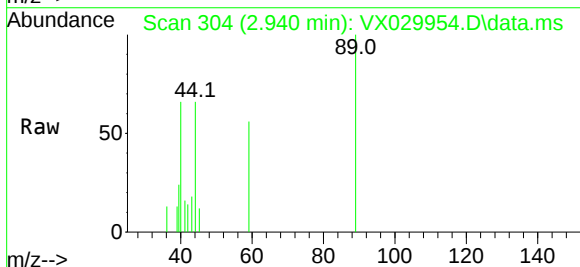


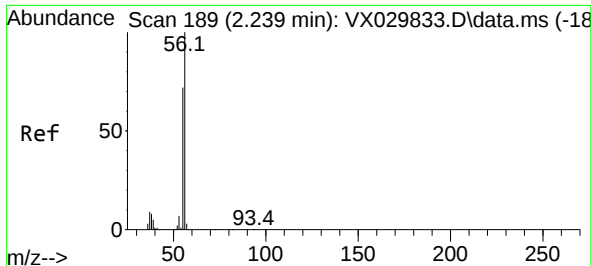
Tgt Ion:142 Resp: 974
Ion Ratio Lower Upper
142 100
127 37.8 30.2 45.2
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.139 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX029954.D
Acq: 07 Jul 2022 14:53

Tgt Ion: 59 Resp: 716
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#13

Acrolein

Concen: Below Cal

RT: 2.075 min Scan# 1

Delta R.T. -0.164 min

Lab File: VX029954.D

Acq: 07 Jul 2022 14:53

Instrument :

MSVOA_X

ClientSampleId :

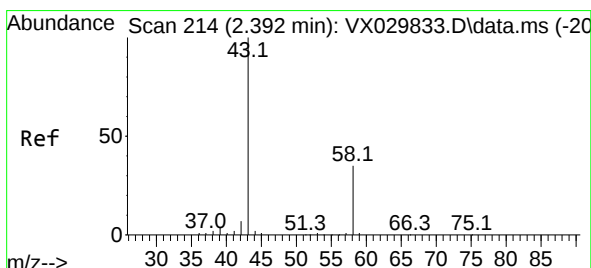
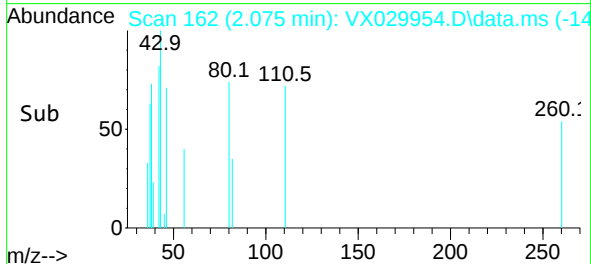
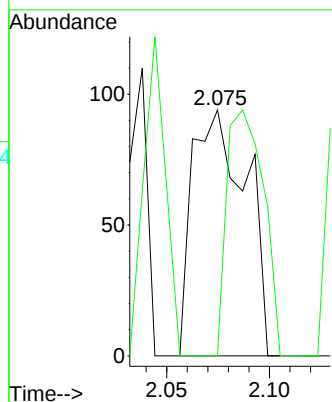
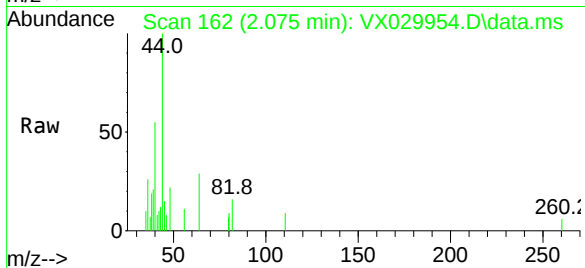
TB-2022-07-06

Tgt Ion: 56 Resp: 171

Ion Ratio Lower Upper

56 100

55 68.4 56.6 84.8



#16

Acetone

Concen: 2.129 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX029954.D

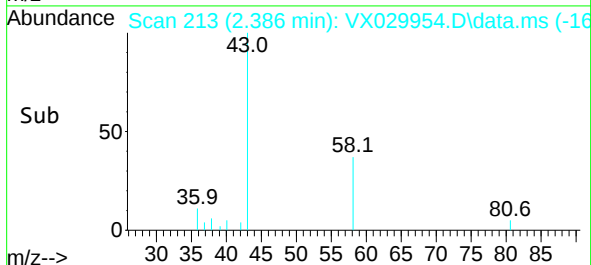
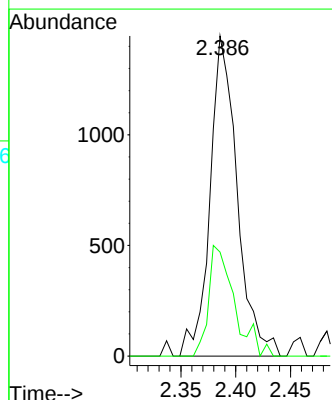
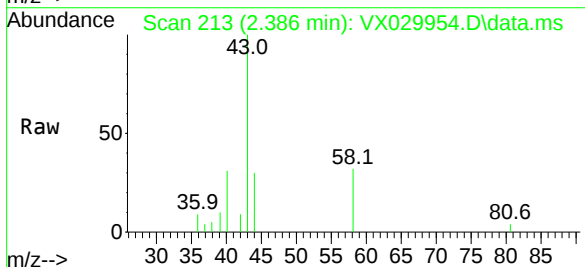
Acq: 07 Jul 2022 14:53

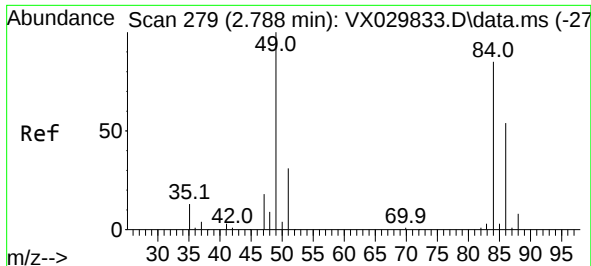
Tgt Ion: 43 Resp: 2502

Ion Ratio Lower Upper

43 100

58 32.5 27.7 41.5



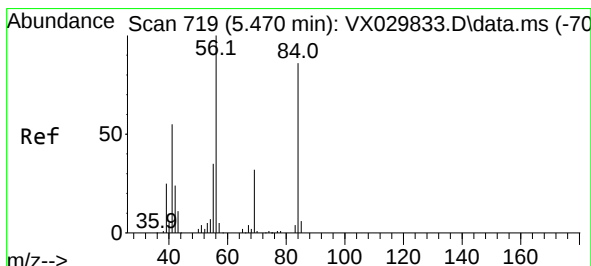
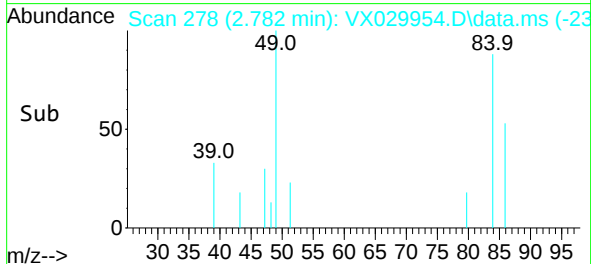
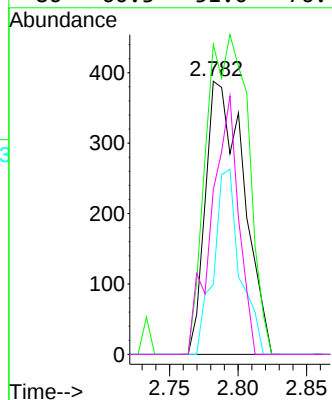
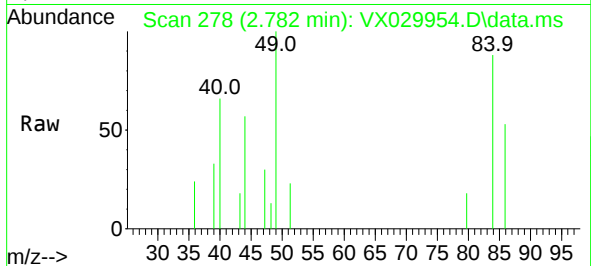


#20
Methylene Chloride
Concen: 0.303 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX029954.D
Acq: 07 Jul 2022 14:53

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-07-06

Tgt Ion: 84 Resp: 752

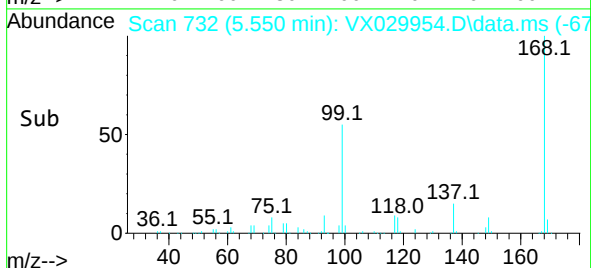
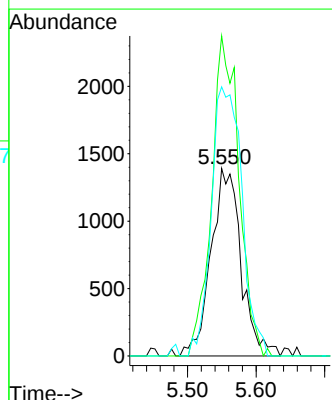
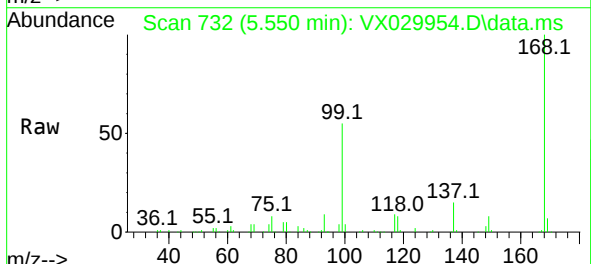
Ion	Ratio	Lower	Upper
84	100		
49	113.4	93.8	140.6
51	25.5	29.4	44.0
86	60.3	51.0	76.4

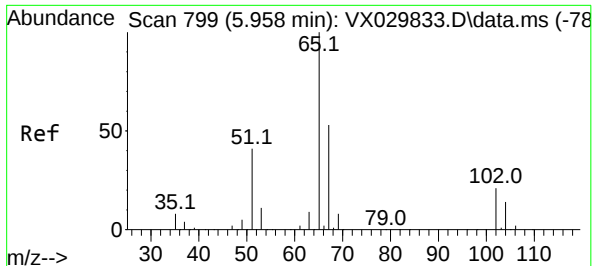


#31
Cyclohexane
Concen: 1.265 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX029954.D
Acq: 07 Jul 2022 14:53

Tgt Ion: 56 Resp: 4238

Ion	Ratio	Lower	Upper
56	100		
69	170.7	25.4	38.0
84	143.6	68.9	103.3





#33

1,2-Dichloroethane-d4

Concen: 41.275 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029954.D

Acq: 07 Jul 2022 14:53

Instrument :

MSVOA_X

ClientSampleId :

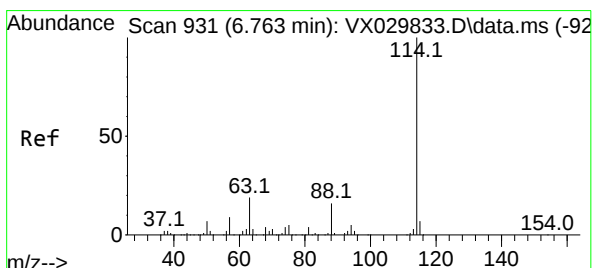
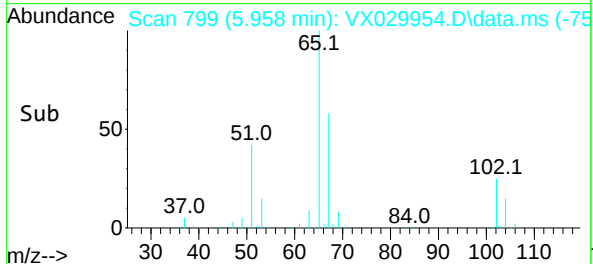
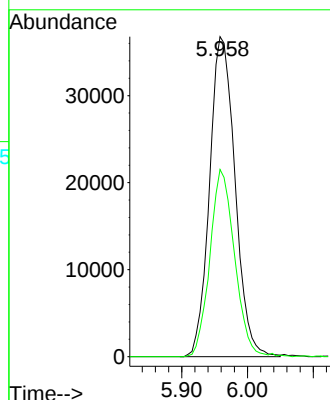
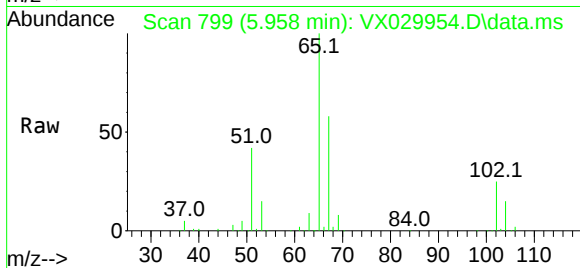
TB-2022-07-06

Tgt Ion: 65 Resp: 99170

Ion Ratio Lower Upper

65 100

67 56.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029954.D

Acq: 07 Jul 2022 14:53

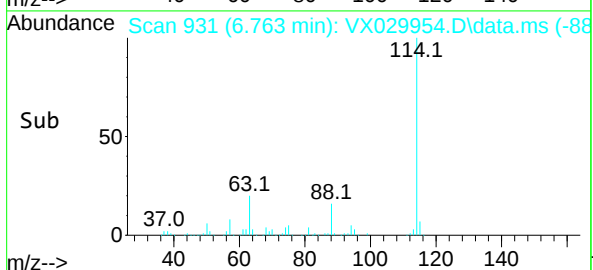
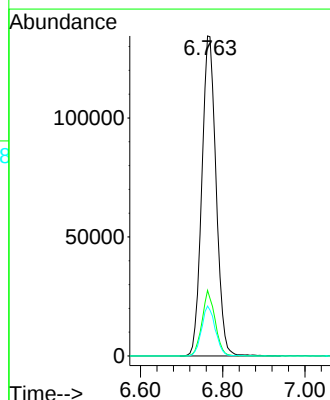
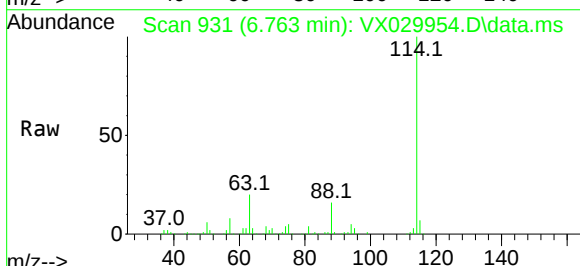
Tgt Ion: 114 Resp: 323972

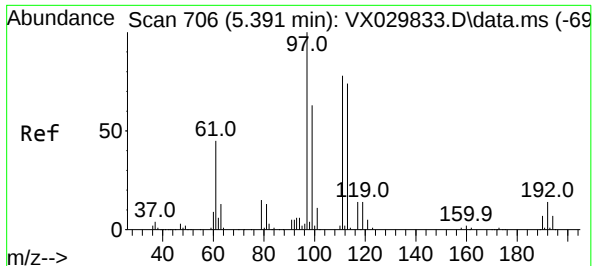
Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.4

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.267 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029954.D

Acq: 07 Jul 2022 14:53

Instrument :

MSVOA_X

ClientSampleId :

TB-2022-07-06

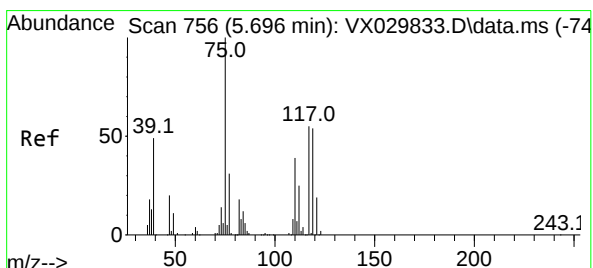
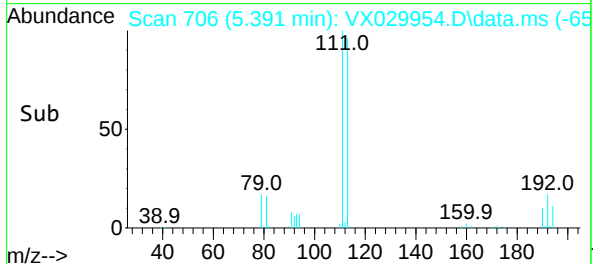
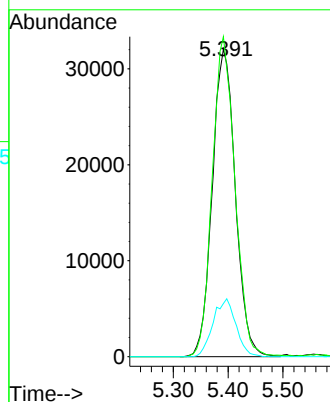
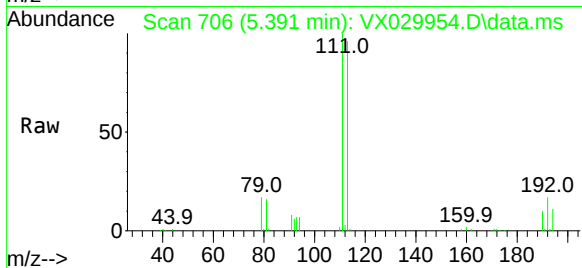
Tgt Ion:113 Resp: 93674

Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

192 18.7 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.148 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029954.D

Acq: 07 Jul 2022 14:53

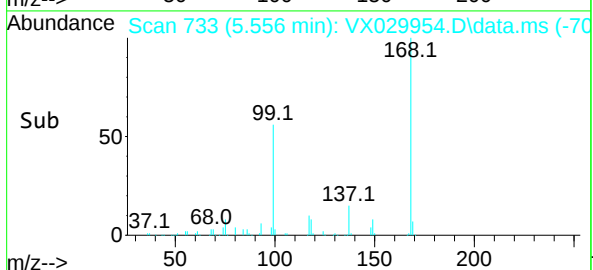
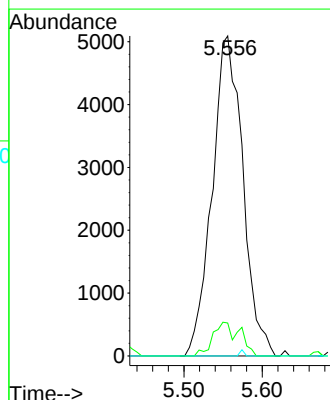
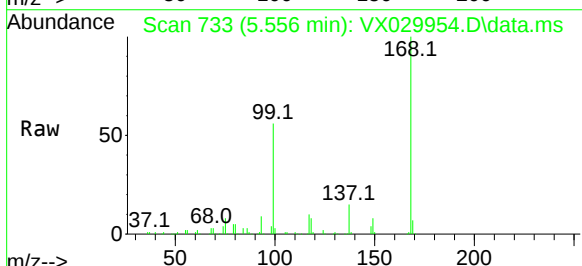
Tgt Ion: 75 Resp: 13862

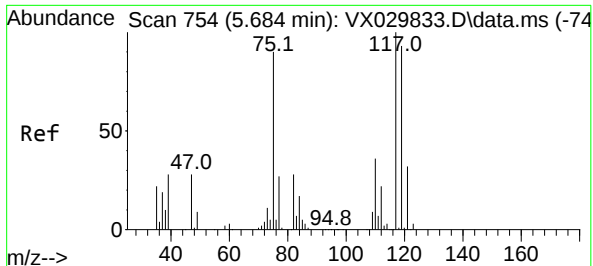
Ion Ratio Lower Upper

75 100

110 9.2 19.3 57.9#

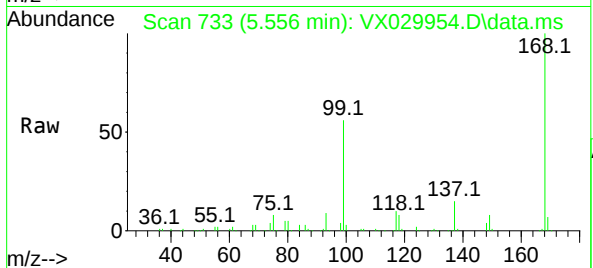
77 0.0 24.4 36.6#



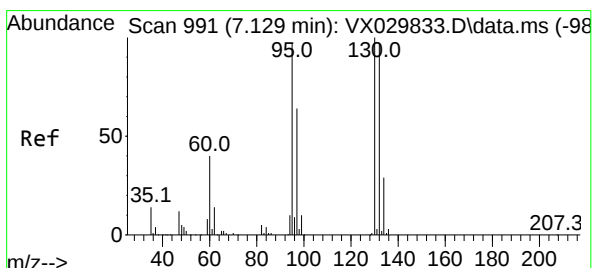
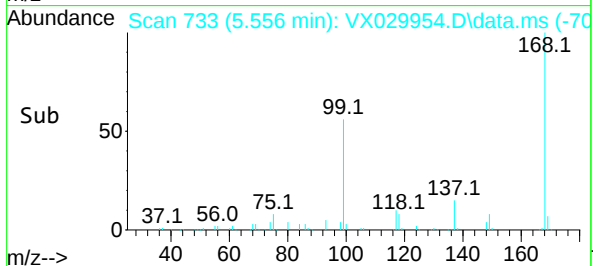
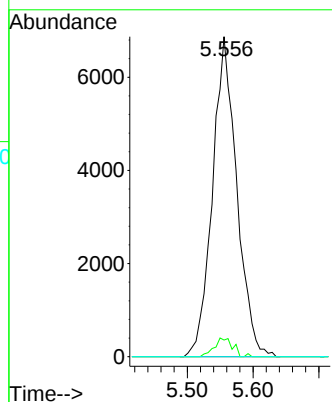


#38
Carbon Tetrachloride
Concen: 7.589 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029954.D
Acq: 07 Jul 2022 14:53

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-07-06

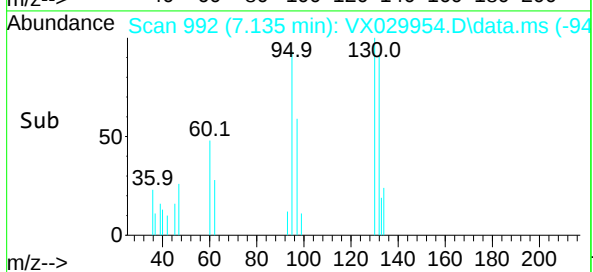
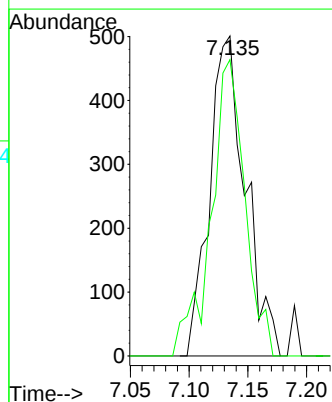
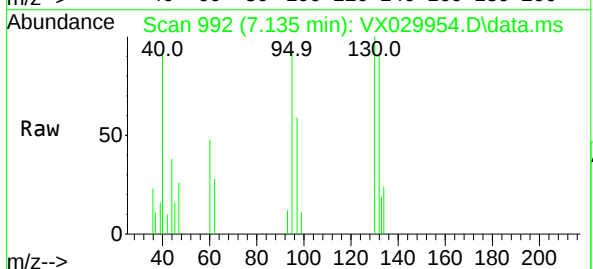


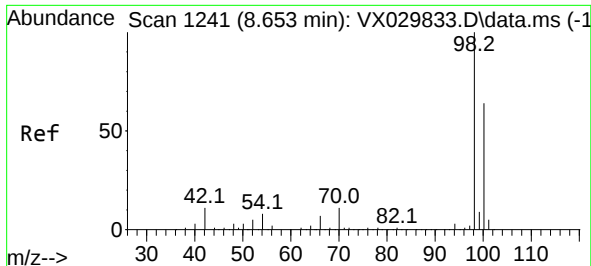
Tgt Ion:117 Resp: 17707
Ion Ratio Lower Upper
117 100
119 5.2 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.454 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029954.D
Acq: 07 Jul 2022 14:53

Tgt Ion:130 Resp: 1065
Ion Ratio Lower Upper
130 100
95 92.6 0.0 194.8

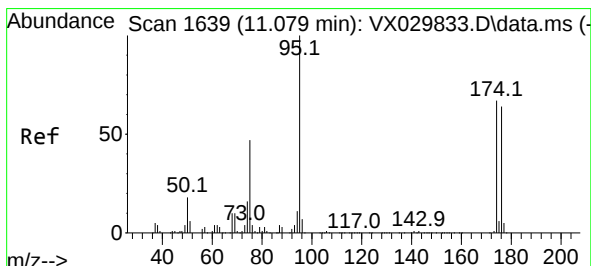
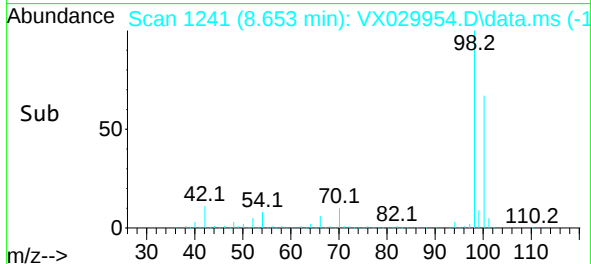
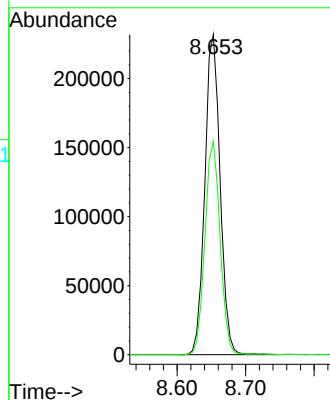
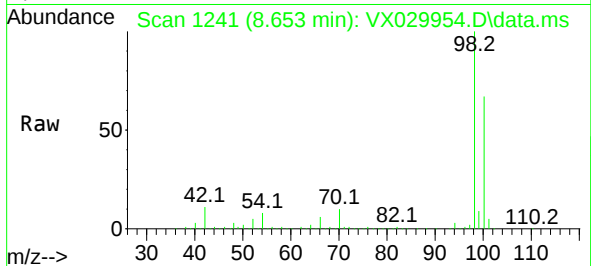




#50
Toluene-d8
Concen: 47.383 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029954.D
Acq: 07 Jul 2022 14:53

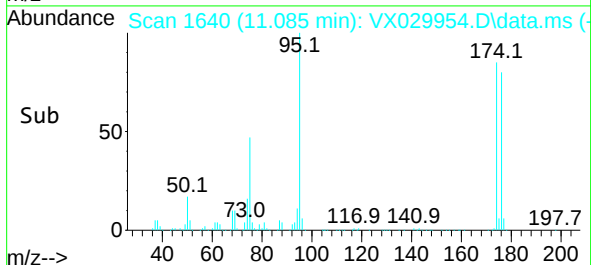
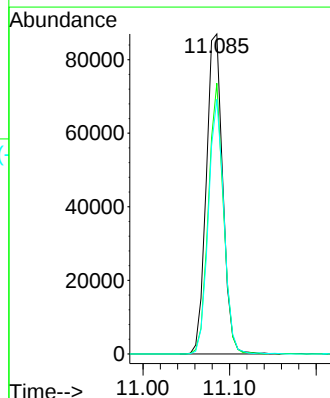
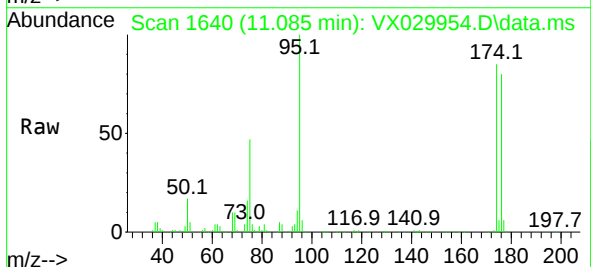
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-07-06

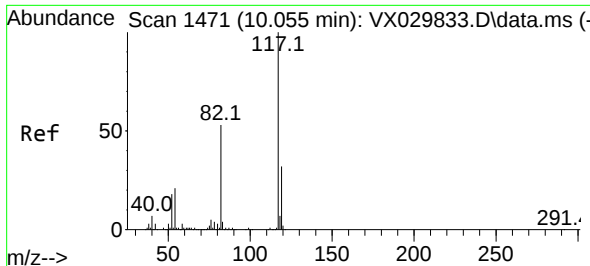
Tgt Ion: 98 Resp: 359894
Ion Ratio Lower Upper
98 100
100 66.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 42.818 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029954.D
Acq: 07 Jul 2022 14:53

Tgt Ion: 95 Resp: 114961
Ion Ratio Lower Upper
95 100
174 77.0 0.0 149.0
176 74.8 0.0 146.0

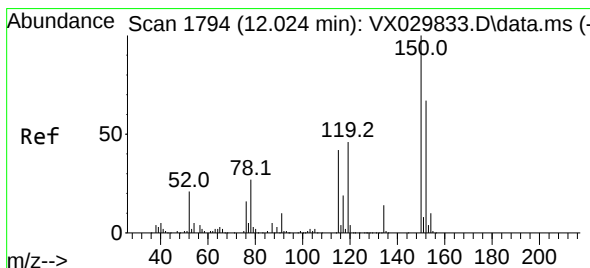
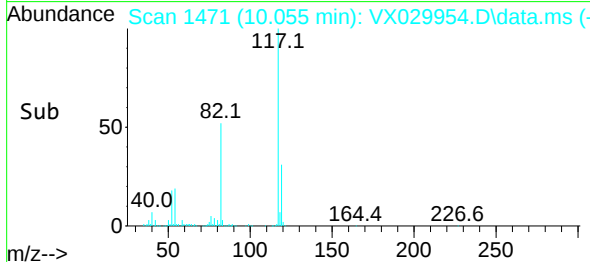
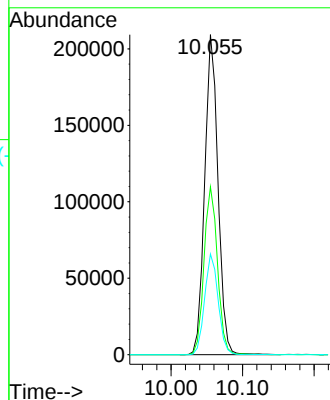
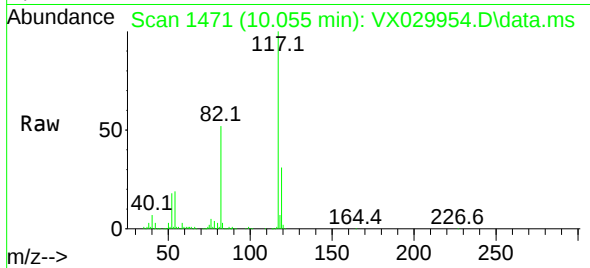




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029954.D
Acq: 07 Jul 2022 14:53

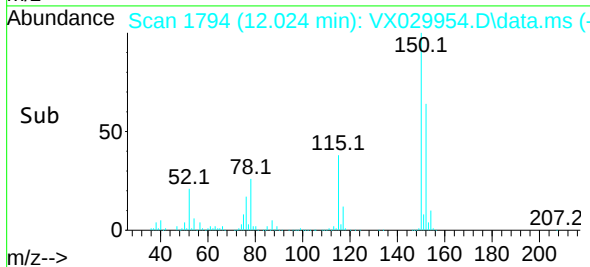
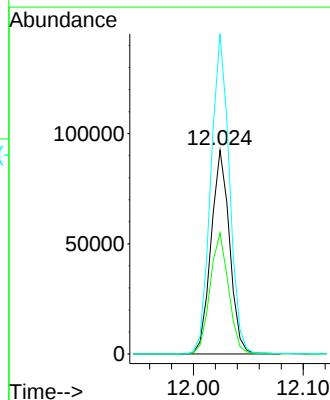
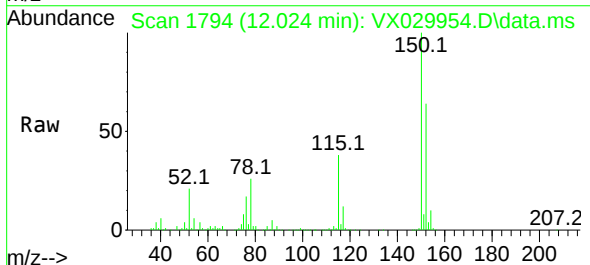
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-07-06

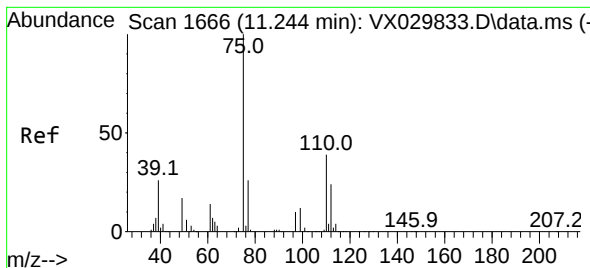
Tgt Ion:117 Resp: 270472
Ion Ratio Lower Upper
117 100
82 52.5 42.7 64.1
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029954.D
Acq: 07 Jul 2022 14:53

Tgt Ion:152 Resp: 108661
Ion Ratio Lower Upper
152 100
115 59.3 40.5 121.5
150 157.6 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 20.738 ug/l

RT: 11.085 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX029954.D

Acq: 07 Jul 2022 14:53

Instrument :

MSVOA_X

ClientSampleId :

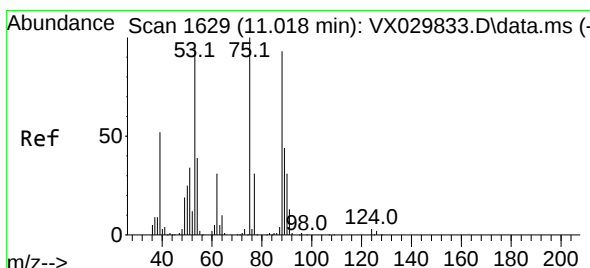
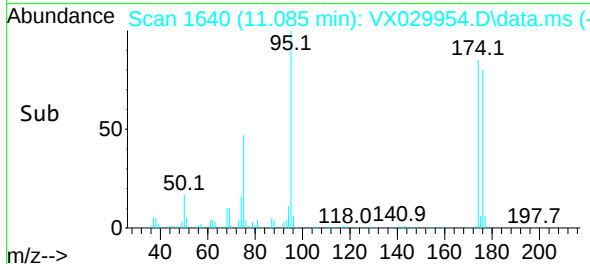
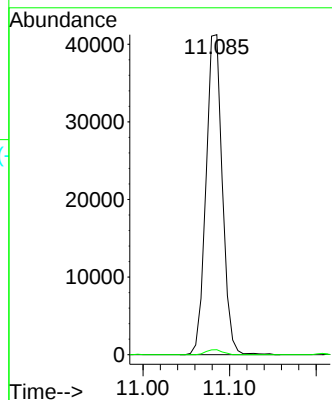
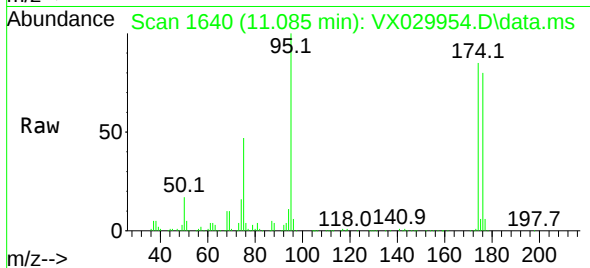
TB-2022-07-06

Tgt Ion: 75 Resp: 53944

Ion Ratio Lower Upper

75 100

77 1.6 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.860 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX029954.D

Acq: 07 Jul 2022 14:53

Tgt Ion: 75 Resp: 53944

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

